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**(54) SUSTAINED RELEASE
TOPICALLY
TRANSPORTABLE
PREPARATION**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a readily preparable topically transportable preparation of embedded type, excellent in biocompatibility, bioerodibility and sustained release of medicine.

SOLUTION: This sustained release topically transportable preparation contains a fibrin obtained by adding a solution (solution B) containing a physiological factor such as a bifunctional calcium ion and a thrombin to a solution (solution A) containing a fibrinogen, a carboxyl group-containing polysaccharide or its salt (preferably sodium alginate) and a medicine. Physical strength of fibrin and resistance to bioerodibility are enhanced by adding aprotinin and (or)

human blood coagulation factor XIII to the solution A. The preparation is suitable for topical administration of a medicine such as an antitumor agent having strong side effects by whole body administration.

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? Country: **JP Japan**
 ? Kind: **A**

? Inventor: **HORIKOSHI ISAMU;
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